

INDEX TO VOLUME XXX

ALLMAN D. J. A Theory for Elastic Stresses in Adhesive Bonded Lap Joints	415
AMARANATH, T., see RAJAPPA, N. R.	
CARROLL, M. M. Plane Circular Shearing of Incompressible Fluids and Solids	223
CHADWICK, P., and CREASY, C. F. M. Some Existence-Uniqueness Results for Problems of Finite Elastic Bending	187
CREASY, C. F. M., see CHADWICK, P.	
DANIELS, P. G. Viscous Mixing at a Trailing Edge	319
DAVIS, A. M. J. and O'NEILL, M. E. Separation in a Stokes Flow Past a Plane with a Cylindrical Ridge or Trough	355
DAY, W. A. An Estimate for Work in Nonlinear Viscoelasticity	467
DRAZIN, P. G. On the Stability of Cnoidal Waves	91
DORE, B. D. On Mass Transport Velocity Due to Progressive Waves	157
DUCK, P. W., see SMITH, F. T.	
DUNWOODY, J. On Weak Shock Waves in Thermoelastic Solids	203
ENGLAND, A. H., see GLADWELL, G. M. L.	
ENGLAND, A. H. and SHAIL, R. Orthogonal Polynomial Solutions to Some Mixed Boundary-Value Problems in Elasticity. II	397
GLADWELL, G. M. L., and ENGLAND, A. H. Orthogonal Polynomial Solutions to Some Mixed Boundary-Value Problems in Elasticity Theory	175
GOLDEN, J. M. Hysteretic Friction of a Plane Punch on a Half-Plane with Arbitrary Viscoelastic Behaviour	23
HEADING, J. Global Phase-Integral Methods	281
HOCKING, L. M. The Stability of Flow in an Elliptic Pipe with Large Aspect Ratio	343
IOAKIMIDIS, N. I., see THEOCARIS, P. S.	
JOHNSON, E. R., and PARNES, R. Propagation of Axisymmetric Waves in an Elastic Half-Space Containing a Cylindrical Inclusion. Part I: Formulation and General Integral Solution	235
JOHNSON, E. R., see PARNES, R.	
JOHNSON, R. S. On the Growth of an Initially Small Gas Bubble in an Over-Saturated Liquid-Gas Solution	303
KASSOY, D. R. The Supercritical Spatially Homogeneous Thermal Explosion: Initiation to Completion	71
KAUL, C. N. On the Uniqueness of the Displacement Boundary-Value Problem for Inextensible Elastic Materials	475
KLEIN, LARISSE. Vibrations of Constrained Plates by a Rayleigh-Ritz Method Using Lagrange Multipliers	51

LEECH, C. M. Hamilton's Principle Applied to Fluid Mechanics . .	107
MAHANTI, N. C. Uniform Asymptotic Analysis of Wave Motion Due to a Periodic Pressure on a Stratified Fluid of Finite Depth . .	375
MORLAND, L. W. Plane Wave Propagation in Anisotropic Jointed Media	1
MORRISON, J. A., see WILSON, LYNN O.	
O'NEILL, M. E., see DAVIS, A. M. J.	
PARNES, R., and JOHNSON, E. R. Propagation of Axisymmetric Waves in an Elastic Half-Space Containing a Cylindrical Inclusion. Part II: Analysis of Singularities, Behaviour at Wave Fronts and Numerical Results	255
PARNES, R., see JOHNSON, E. R.	
PYNE, INSLEY B. A Clubhead Speed Coefficient for the Golf Swing	269
RAJAPPA, N. R., and AMARANATH, T. Nonlinear Theory of Taylor Instability of Superposed Fluids of Different Densities in Three Dimensions	131
RICHARDSON, S. Axisymmetric Slow Viscous Flow About a Body of Revolution Whose Section is a Cardioid	369
SHAIL, R., see ENGLAND, A. H.	
SMITH, F. T., and DUCK, P. W. Separation of Jets or Thermal Boundary Layers from a Wall	143
SPENCE, D. A. and MKRTCHIAN J. Z. The Boussinesq Problem for a Material with Different Moduli in Tension and Compression .	449
THEOCARIS, R. S. and IOAKIMIDIS, N. I. The Inclusion Problem in Plane Elasticity	437
WILKES, N. S. Thermodynamic Restrictions on Viscoelastic Materi- als	209
WILSON, LYNN O. and MORRISON, J. A. Wave Propagation in Piezo- electric Rods of Hexagonal Crystal Symmetry	387

